

CENTRAL INTELLIGENCE AGENCY

**INFORMA RESTRICTED REPORT**

## REPORT

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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH  
USE OF TRAINED INTELLIGENCE ANALYSTS

**SOURCE** Documentary as indicated. (Information specifically requested.)

RECENTLY PUBLISHED RESEARCH OF THE STAVROPOL  
INSTITUTE OF EPIDEMIOLOGY AND MICROBIOLOGY, USSR

"Influence of Glycerol on the Development of  
Spirochaeta Pallida in Culture," L. I. Tutova,  
Stavropol Inst Epidemiol Microbiol

"Vestnik Verol i Dermatol" No 5, 1946, pp 34-8

Strains I, II, IV, and V showed equal stability in glycerol-physiological NaCl solutions. With glycerol all strains remained alive for 14 days, without glycerol 11-12 days. The cultures were kept under petrolatum at 22-5 degrees. Lower concentrations down to 15% prevented growth, but some growth occurred at 5-10%. At 2.5%, strain I showed growth after 2-3 days, while strains II, IV, and V showed growth after 2-3 days in 0.5-1.0% solutions. These concentrations are optimum in comparison with control (physiological solution) which showed a much retarded growth in comparison with the low-glycerol cultures.

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